

SECOND
#3

PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Box Missing Parts, Commissioner for Patents, Washington, DC 20231.

3/26/01

Nicole Bailey

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Robert A. Weaver, Gregory J. Wilson and Paul R. McHugh
Application No. : 09/733,608
Filed : December 8, 2000
For : METHOD AND APPARATUS FOR PROCESSING A
MICROELECTRONIC WORKPIECE AT AN ELEVATED
TEMPERATURE

Docket No. : 291958124US

Date : March 26, 2001

Box Missing Parts
Commissioner for Patents
Washington, DC 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Sir:

In response to the Notice to File Missing Parts dated January 26, 2001, please find enclosed a Declaration, Election/Power of Attorney, Authorization for Extensions of Time Under 37 CFR § 1.136(a)(3), and a copy of the Formalities Letter for the above-identified application.

The fees have been calculated below after taking into consideration the enclosed Preliminary Amendment:

Basic Fee	\$	710
Total Claims (101, 81 extra)		1458
Independent Claims (12, 9 extra)		720
Multiple Dependent Claims Surcharge		0

Missing Parts Surcharge		130
Total	\$	3018
Extension-of-Time Fee		0
TOTAL	\$	3018

The Commissioner is hereby authorized to charge Deposit Account No. 50-0665 in the amount of \$3,018.00 for the requisite fees. Additionally, the Commissioner is hereby authorized to charge any additional filing fees or to credit any overpayment to Deposit Account No. 50-0665. A duplicate copy of this response is enclosed.

Respectfully submitted,

Perkins Coie LLP


John M. Wechkin
Registration No. 42,216

JMW:nb

Enclosures:

Postcard

Copy of this Response

Declaration

Election/Power of Attorney

Authorization for Extensions of Time Under 37 CFR § 1.136(a)(3)

Copy of Formalities Letter

Preliminary Amendment w/Appendix Showing Change to Claim No. 76

PERKINS COIE LLP
P.O. Box 1247
Seattle, Washington 98111-1247
(206) 583-8888
FAX: (206) 583-8500



APPENDIX – MARKED TO SHOW CHANGE TO CLAIM

76. The method of claim 58 wherein thermally processing the selected material includes thermally annealing a copper layer electrochemically-deposited on the microelectronic workpiece.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Robert A. Weaver) Docket No.: 291958124US
Gregory J. Wilson) Semitool Number: P00-0033
Paul R. McHugh)
)
Filed: December 8, 2000)
)
For: METHOD AND APPARATUS)
FOR PROCESSING A)
MICROELECTRONIC)
WORKPIECE AT AN)
ELEVATED TEMPERATURE)
)

A S S I G N M E N T :

X Enclosed for recording
 Previously recorded
Date: _____
Reel: _____

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to **Semitool, Inc.** (the "Assignee"), a corporation of Montana, having a place of business at 655 West Reserve Drive, Kalispell, MONTANA 59901, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "**METHOD AND APPARATUS FOR PROCESSING A MICROELECTRONIC WORKPIECE AT AN ELEVATED TEMPERATURE**"; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such

improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Robert A. Weaver

Robert A. Weaver

Date: 01/24/2001

STATE OF MONTANA)
) ss.
County of Flathead)

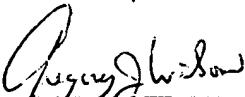
BEFORE ME, this 24 day of January, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL


Dick R. Rule

Notary or Consular Officer

My Commission Expires 3/20/04


Gregory J. Wilson

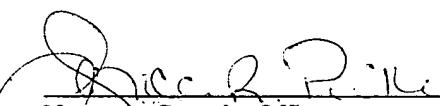
Gregory J. Wilson

Date: 01/24/2001

STATE OF MONTANA)
) ss.
County of Flathead)

BEFORE ME, this 24 day of Jan, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL


Dick R. Rule

Notary or Consular Officer

My Commission Expires 3/20/04

Paul R. McHugh

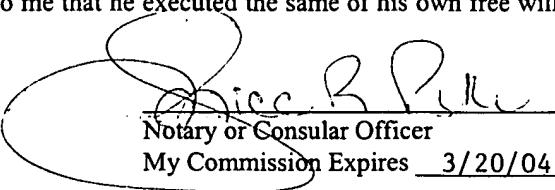
Paul R. McHugh

Date: 01/24/2001

STATE OF MONTANA)
) ss.
County of Flathead)

BEFORE ME, this 24 day of Jan, 2001, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

SEAL


Dick R. Rule

Notary or Consular Officer

My Commission Expires 3/20/04



#3

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/733,608	12/08/2000	Robert A. Weaver	291958124US

CONFIRMATION NO. 4198

25096
 PERKINS COIE LLP
 1201 3RD AVENUE, SUITE 4800
 SEATTLE, WA 98101-3099

FORMALITIES LETTER



OC00000005712165

Date Mailed: 01/26/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

03/30/2001 TBESH/MAH1 00000007 500665 09733608

01 FC:101	710.00 CH
02 FC:103	1458.00 CH
03 FC:102	720.00 CH
04 FC:105	130.00 CH

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$2258.
 - \$1458 for 81 total claims over 20.
 - \$800 for 10 independent claims over 3 .
- The oath or declaration is missing.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 3098.

A copy of this notice MUST be returned with the reply.

Melissa - Test Greene
 Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE